

## TRIBUTARIES BETWEEN PARKER DAM AND GILA RIVER

09429150 CREOSOTE WASH NEAR EHRENBURG, AZ

LOCATION.--Lat 33°37'15", long 114°29'41", in NE<sup>1</sup>/<sub>4</sub> sec.2, T.3 N., R.22 W., Yuma County, Hydrologic Unit 15030104, at Parker Valley Road, 2.5 mi northeast of Ehrenberg, and 6 mi northeast of Blythe, California.

DRAINAGE AREA.--1.98 mi<sup>2</sup>.

### Annual peak discharges

Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes	Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes
1965	08-16-65	259		1971	08-10-71	580	
1966	12-09-65	265		1972	08-08-72	72	
1967	08-14-67	98		1973	08-16-73	125	
1968	07-06-68	43		1974	08-00-74	5.0	LT
1969	07-17-69	65		1975	09-16-75	28	
1970	02-28-70	34		1976	09-25-76	325	

Magnitude and probability of instantaneous peak flow based on period of record 1965-76

Discharge, in ft <sup>3</sup> /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25†	50†	100†
50%	20%	10%	4%	2%	1%
95.6	239	390	660	932	1,270
Weighted skew	(logs) =	0.09			
Mean	(logs) =	1.99			
Standard dev.	(logs) =	0.47			

† Reliability of values in column is uncertain, and potential errors are large.

### Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
95.2	4.2	509	0.0	3.0	5.5	1.2	3.3

